

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1040-5	SERIAL NO. 09/650,055
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Kay et al.	
		FILING DATE August 29, 2000	GROUP Unassigned

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
W		3,683,076	Aug. 8, 1972	Rovati	424	180	
W		3,911,098	Oct. 7, 1975	Capozza	424	22	
W		4,006,224	Feb. 1, 1977	Prudden	424	180	
W		4,228,161	Oct. 14, 1980	Shen	424	232	
W		4,647,453	Mar. 3, 1987	Meisner	424	54	
W		4,704,268	Nov. 3, 1987	Kifune	424	488	
W		4,772,591	Sep. 20, 1988	Meisner	514	62	
W		5,364,845	Nov. 15, 1994	Henderson	514	54	
W		5,582,837	Dec. 10, 1996	Shell	424	481	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

W		1.	Baron et al., "Glucosamine Induces Insulin Resistance In Vivo By Affecting GLUT 4 Translocation in Skeletal Muscle," <i>J. Clin. Investigation, Inc.</i> , 96:2792-2801, (December 1995).				
			YES	NO			

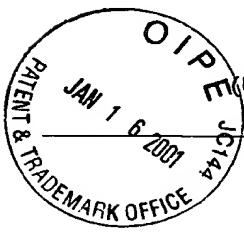
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<i>W</i>		5,587,363	Dec. 24, 1996	Henderson	514	54	
<i>W</i>		5,681,585	Oct. 28, 1997	Oshlack et al.	424	494	
<i>W</i>		5,716,631	Feb. 10, 1998	Drizen et al.	424	422	
<i>W</i>		5,736,152	Apr. 7, 1998	Dunn	424	426	
<i>W</i>		5,840,715	Nov. 24, 1998	Florio	514	62	
<i>W</i>		5,843,919	Dec. 1, 1998	Burger	514	62	
<i>W</i>		5,846,952	Dec. 8, 1998	Vournakis et al.	514	55	

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							YES NO

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<i>W</i>			2. McClain et al., "Hexosamines and Insulin Resistance," <i>Diabetes</i> , # 45:1003-1009, (1996).
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WJ	5,849,336	Dec. 15, 1998	Aoyagi et al.	424	570	
	5,855,915	Jan. 5, 1999	Pinkus	424	401	
	5,888,514	Mar. 30, 1999	Weisman	424	195.1	
	5,916,565	June 29, 1999	Rose et al.	424	195.1	
	5,994,324	Nov. 30, 1999	Ashida et al.	514	57	
	6,007,843	Dec. 28, 1999	Drizen et al.	424	481	
	6,020,002	Feb. 1, 2000	Myers et al.	424	481	

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		3. Talent et al., "Pilot Study of Oral Polymeric N-acetyl-D-glucosamine as a Potential Treatment for Patients with Osteoarthritis (Abstract)," <i>Clin. Ther.</i> , 18(6):1184-90, (Nov.-Dec. 1996).
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<i>W</i>		6,046,179	Apr. 4, 2000	Murch et al.	514	17	

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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W</i>			4.	Rege et al., "Chitosans as Tableting Excipients for Modified Release Delivery Systems (ABSTRACT)," <i>Int. J. Pharm.</i> , 181 (1):49-60, (April 20, 1999).
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EXAMINER *Wayne J. Conner*DATE CONSIDERED *September 16, 2001*

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